

**REISSUE APPLICATION DECLARATION BY THE INVENTOR**

Docket Number (Optional)

ATM-247

I hereby declare that:

Each inventor's residence, mailing address and citizenship are stated below next to their name.

I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number 6,489,254, granted December 3, 2002 and for which a reissue patent is sought on the invention entitled METHOD OF FORMING PRE-METAL DIELECTRIC FILM ON A SEMICONDUCTOR SUBSTRATE INCLUDING FIRST LAYER OF UNDOPED OXIDE OF HIGH OZONE:TEOS

the specification of which VOLUME RATIO AND SECOND LAYER OF LOW OZONE DOPED BPSG.

☐ is attached hereto.

☒ was filed on June 25, 2003 as reissue application number 10/606,426

and was amended on \_\_\_\_\_  
(If applicable)

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

☐ I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

Please see Added Page, attached.

[Page 1 of 2]

This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

---

**Added Page to Reissue Application Declaration By The Inventor**  
**Docket Number: ATM-247**

Claims 1-17 are pending in the reissue application. Claims 10, 11 and 13 have been amended. Therefore, claims 1-17 are currently pending.

Patentee submits that claims 10 and 11 were written as being dependent upon claim 9, instead of claim 8, resulting in an unnecessary limitation. Claim 10 in effect claims a range of 700°C - 800°C, where support exists in the patent specification to claim a temperature of less than 800°C. Support for the amendment to claim 10 may be found at least at col. 4, lines 34-36.

The patent specification provides support for the elements of claim 11 without limiting the method to the temperature of claim 9. Support for the amendment to claim 11 may be found at least at col. 3, lines 45-47; and col. 4, lines 16-23.

Further, patentee submits that claim 13, describing a treatment, was written as depending from claim 12, which fails to recite a heat treatment application step. Claim 13 has been amended to include the step of "applying a heat treatment...". Thus, patentee submits that claim 13 now has correct antecedent basis. Support for the amendment to claim 13 may be found at least at col. 4, lines 34-36.

\*\*\*\*\*

Docket Number (Optional)

ATM-247

## (REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

Note: To appoint a power of attorney, use form PTO/SB/81.

Correspondence Address: Direct all communications about the application to:

☒ The address associated with Customer Number: 003897

OR

<input type="checkbox"/> Firm or Individual Name				
Address				
City		State		Zip
Country				
Telephone		Email		

**WARNING:**

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Amit S. Kelkar

Inventor's signature

x *Amit Kelkar*

Date

x 6/15/07

Residence

Flower Mound, Texas

Citizenship

India

Mailing Address

2304 Mockingbird Ln

Flower Mound, Texas 75022

Full name of second joint inventor (given name, family name)

Michael D. Whiteman

Inventor's signature

Date

Residence

Woodland Park, Colorado

Citizenship

U.S.

Mailing Address

1344 Pinon Ridge Court; P.O. Box 4825

Woodland Park, Colorado 80866

☐ Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/SB/02A or 02LR attached hereto.

## REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

ATM-247

I hereby declare that:

Each inventor's residence, mailing address and citizenship are stated below next to their name.

I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number 6,489,254, granted December 3, 2002 and for which a reissue patent is sought on the invention entitled METHOD OF FORMING PRE-METAL DIELECTRIC FILM ON ASEMICONDUCTOR SUBSTRATE INCLUDING FIRST LAYER OF UNDOPED OXIDE OF HIGH OZONE:TEOS  
the specification of which VOLUME RATIO AND SECOND LAYER OF LOW OZONE DOPED BPSG.☐ is attached hereto.☒ was filed on June 25, 2003 as reissue application number 10/606,426and was amended on \_\_\_\_\_  
(If applicable)

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

☐ I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

Please see Added Page, attached.

[Page 1 of 2]

This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

---

**Added Page to Reissue Application Declaration By The Inventor**  
**Docket Number: ATM-247**

Claims 1-17 are pending in the reissue application. Claims 10, 11 and 13 have been amended. Therefore, claims 1-17 are currently pending.

Patentee submits that claims 10 and 11 were written as being dependent upon claim 9, instead of claim 8, resulting in an unnecessary limitation. Claim 10 in effect claims a range of 700°C - 800°C, where support exists in the patent specification to claim a temperature of less than 800°C. Support for the amendment to claim 10 may be found at least at col. 4, lines 34-36.

The patent specification provides support for the elements of claim 11 without limiting the method to the temperature of claim 9. Support for the amendment to claim 11 may be found at least at col. 3, lines 45-47; and col. 4, lines 16-23.

Further, patentee submits that claim 13, describing a treatment, was written as depending from claim 12, which fails to recite a heat treatment application step. Claim 13 has been amended to include the step of "applying a heat treatment...". Thus, patentee submits that claim 13 now has correct antecedent basis. Support for the amendment to claim 13 may be found at least at col. 4, lines 34-36.

\*\*\*\*\*

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)

ATM-247

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

Note: To appoint a power of attorney, use form PTO/SB/81.

Correspondence Address: Direct all communications about the application to:



The address associated with Customer Number:

003897

OR



Firm or  
Individual Name

Address

City

State

Zip

Country

Telephone

Email

**WARNING:**

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identify theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Amit S. Kelkar

Inventor's signature

X

Date

X

Residence

Irving, Texas

Citizenship

India

Mailing Address

321 Waterside Drive  
Irving, Texas 75063

Full name of second joint inventor (given name, family name)

Michael D. Whiteman

Inventor's signature

Date

5/14/2007

Residence

Woodland Park, Colorado

Citizenship

U.S.

Mailing Address

1344 Pinon Ridge Court; P.O. Box 4825  
Woodland Park, Colorado 80866

☐ Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/SB/02A or 02LR attached hereto.